

Claims:

1. A flexible flat cable for use in a clockspring, the flat cable comprising:

5 a series of parallel spaced conductors placed between a pair of insulating layers, wherein the conductors are printed onto one of the insulating layers; and at least one end of the cable having the insulating layer partially removed and exposing the conductors, the conductors being attached to contacts on a mounting header.

10 2. The flexible flat cable of claim 1, wherein the mounting header is adapted to be located in a connection module of a clockspring for electrical connection to other components.

15 3. The flexible flat cable of claim 1, wherein the contacts on the mounting header are curved to provide a larger surface area for connection to the conductors in the flat cable.

20 4. The flexible flat cable of claim 3, wherein the conductors in the flat cable are terminated at pads which are soldered to the contacts on the mounting header.

5. The flexible flat cable of claim 1, wherein the contacts on the mounting header are straight and are inserted through circular apertures on the flat cable for electrical connection to the conductors thereon.

5 6. A clockspring for a vehicle comprising:
a flexible flat cable having a series of parallel spaced conductors placed in between a pair of insulating layers, wherein the conductors are printed onto one of the insulating layers; and

at least one end of the cable having the insulating layer partially removed
10 and exposing the conductors therein, the conductors being attached to contacts on a mounting header which is located in a connection module of the clockspring for connection to other vehicular components.

7. The clockspring of claim 6, wherein the contacts on the mounting
15 header are curved to provide a larger surface area for connection to the conductors in the flat cable.

8. The clockspring claim 7, wherein the conductors in the flat cable
are soldered to the contacts on the mounting header.

20

9. The clockspring claim 6, wherein the contacts on the mounting header are straight and are inserted through circular apertures on the flat cable for electrical connection to the conductors thereon.

5 10. The clockspring claim 6, wherein the mounting header is located on an intermediate portion of the flat cable, and the flat cable further includes two extensions having connectors on the ends thereof for attachment to airbag canisters.

10